WHAT IS CLAIMED IS:

1. A method of caching data files comprising:

    providing a first computer;

    providing a second computer;

    establishing a peer to peer network relationship between said first computer and said second computer;

    conveying a file from said first computer to said second computer;

    caching said file.

2. The method as described in claim 1 wherein said caching said file comprises:

    caching said file at a caching computer.

3. The method as described in claim 1 wherein said caching said file comprises:

    caching said file at a location where said second computer is located.

4. The method as described in claim 1 and further comprising:

    receiving a request for said file at said first computer from a third computer.

5. The method as described in claim 4 and further comprising:

    directing said third computer to obtain said file from said caching computer.

6. The method as described in claim 5 and further comprising:

    establishing communications between said third computer and said caching computer; and

    conveying said file to said third computer

7. The method as described in claim 1 and further comprising:

2   providing an intermediate computer to facilitate communications between said

3 first computer and said third computer;

4   intercepting a request of said third computer for said file.

1   8.   The method as described in claim 7 and further comprising:

2   directing said third computer to said caching computer so as to obtain said file.

1   9.   The method as described in claim 7 and further comprising:

2   utilizing said intermediate computer as said caching computer.

1   10.   The method as described in claim 1 and further comprising:

2   utilizing a global communication network to establish said peer to peer

3 relationship.

1   11.   A computer readable medium having computer-executable instructions

2 for performing a method comprising:

3   establishing a peer to peer relationship between a first computer and a second

4 computer;

5   receiving a first request for a file of the first computer from the second

6 computer;

7   conveying said file from the first computer to the second computer;

8   caching said file.

1   12.   The computer readable medium as described in claim 11 wherein said

2 method further comprises:

3   receiving a request for said file from a third computer.

1   13.   The computer readable medium as described in claim 11 wherein said

2 method further comprises:

3   storing said file at a caching computer for access by additional computers that

4 request said file.

1   14. The computer readable medium as described in claim 11 wherein said

2 method further comprises:

3   caching said file at a location where said second computer is located.

1   15. The computer readable medium as described in claim 11 wherein said

2 method further comprises:

3   receiving a request for said file at said first computer from a third computer.

1   16. The computer readable medium as described in claim 15 and further

2 comprising:

    directing said third computer to obtain said file from said caching computer.

    17. The computer readable medium as described in claim 11 and further

2 comprising:

3   utilizing a global communication network to establish said peer to peer

4 relationship.